

1653

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/446,109A

DATE: 10/01/2001
 TIME: 10:56:46

Input Set : A:\PTO.txt
 Output Set: N:\CRF3\10012001\I446109A.raw

P5

ENTERED

3 <110> APPLICANT: FAIRLIE, DAVID
 4 MAXWELL, STEPHEN
 5 FINCH, ANGELA MONIQUE
 6 WONG, ALLAN
 8 <120> TITLE OF INVENTION: CYCLIC ANGONISTS AND ANTAGONISTS OF C5a RECEPTORS AND G
 9 PROTEIN-COUPLED RECEPTORS
 11 <130> FILE REFERENCE: 10648-0001-0PCT
 13 <140> CURRENT APPLICATION NUMBER: 09/446,109A
 14 <141> CURRENT FILING DATE: 2000-04-21
 16 <150> PRIOR APPLICATION NUMBER: PCT/AU98/00490
 17 <151> PRIOR FILING DATE: 1998-06-25
 19 <150> PRIOR APPLICATION NUMBER: AU P07550
 20 <151> PRIOR FILING DATE: 1997-06-25
 22 <160> NUMBER OF SEQ ID NOS: 24
 24 <170> SOFTWARE: PatentIn version 3.1
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 28 <212> TYPE: PRT
 29 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: synthetic peptide
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 37 1 5 10
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 45 <220> FEATURE:
 46 <223> OTHER INFORMATION: synthetic peptide
 48 <400> SEQUENCE: 2
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 51 1 5 10
 54 <210> SEQ ID NO: 3
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 56 <212> TYPE: PRT
 57 <213> ORGANISM: Artificial Sequence
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 60 <223> OTHER INFORMATION: synthetic peptide
 62 <220> FEATURE:
 63 <221> NAME/KEY: misc_feature
 64 <222> LOCATION: (9)..(9)
 65 <223> OTHER INFORMATION: Xaa is D-Ala
 68 <400> SEQUENCE: 3
 W--> 70 Tyr Ser Phe Lys Asp Met Pro Leu Xaa Arg
 71 1 5 10
 74 <210> SEQ ID NO: 4

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75 <211> LENGTH: 10
76 <212> TYPE: PRT
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
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82 <220> FEATURE:
83 <221> NAME/KEY: misc_feature
84 <222> LOCATION: (9)..(9)
85 <223> OTHER INFORMATION: Xaa is D-Ala
88 <400> SEQUENCE: 4
W--> 90 Tyr Ser Phe Lys Pro Met Pro Leu Xaa Arg
91 1 . 5 . 10
94 <210> SEQ ID NO: 5
95 <211> LENGTH: 21
96 <212> TYPE: PRT
97 <213> ORGANISM: Artificial Sequence
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100 <223> OTHER INFORMATION: synthetic peptide
102 <220> FEATURE:
103 <221> NAME/KEY: misc_feature
104 <222> LOCATION: (11)..(11)
105 <223> OTHER INFORMATION: MOD_RES: Acp
108 <220> FEATURE:
109 <221> NAME/KEY: misc_feature
110 <222> LOCATION: (20)..(20)
111 <223> OTHER INFORMATION: Xaa is D-Ala
114 <400> SEQUENCE: 5
W--> 116 Arg Ala Ala Arg Ile Ser Leu Gly Pro Arg Xaa Tyr Ser Phe Lys Pro
117 1 . 5 . 10 . 15
W--> 120 Met Pro Leu Xaa Arg
121 . 20
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126 <212> TYPE: PRT
127 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: synthetic peptide
132 <220> FEATURE:
133 <221> NAME/KEY: misc_feature
134 <222> LOCATION: (10)..(10)
135 <223> OTHER INFORMATION: MOD_RES: Acp
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139 <221> NAME/KEY: misc_feature
140 <222> LOCATION: (19)..(19)
141 <223> OTHER INFORMATION: Xaa is D-Ala
144 <400> SEQUENCE: 6
W--> 146 Lys Tyr Lys His Ser Val Val Lys Lys Xaa Tyr Ser Phe Lys Pro Met
147 1 . 5 . 10 . 15
W--> 150 Pro Leu Xaa Arg

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151 20
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155 <211> LENGTH: 6
156 <212> TYPE: PRT
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: synthetic peptide
162 <220> FEATURE:
163 <221> NAME/KEY: MOD_RES
164 <222> LOCATION: (1)..(1)
165 <223> OTHER INFORMATION: METHYLATION
168 <220> FEATURE:
169 <221> NAME/KEY: misc_feature
170 <222> LOCATION: (4)..(4)
171 <223> OTHER INFORMATION: Xaa is D-cyclohexylalanine
174 <400> SEQUENCE: 7
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177 1 5
180 <210> SEQ ID NO: 8
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185 <220> FEATURE:
186 <223> OTHER INFORMATION: synthetic peptide
188 <220> FEATURE:
189 <221> NAME/KEY: MOD_RES
190 <222> LOCATION: (1)..(1)
191 <223> OTHER INFORMATION: METHYLATION
194 <220> FEATURE:
195 <221> NAME/KEY: misc_feature
196 <222> LOCATION: (4)..(4)
197 <223> OTHER INFORMATION: Xaa is D-cyclohexylalanine
200 <220> FEATURE:
201 <221> NAME/KEY: MOD_RES
202 <222> LOCATION: (6)..(6)
203 <223> OTHER INFORMATION: residue is substituted with (CO)NH2
206 <400> SEQUENCE: 8
W--> 208 Phe Lys Pro Xaa Trp Arg
209 1 5
212 <210> SEQ ID NO: 9
213 <211> LENGTH: 6
214 <212> TYPE: PRT
215 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: synthetic peptide
220 <220> FEATURE:
221 <221> NAME/KEY: MOD_RES
222 <222> LOCATION: (1)..(1)
223 <223> OTHER INFORMATION: METHYLATION

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226 <220> FEATURE:
227 <221> NAME/KEY: misc_feature
228 <222> LOCATION: (4)..(4)
229 <223> OTHER INFORMATION: Xaa is D-cylcohexylalanine
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235 1 5
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240 <212> TYPE: PRT
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243 <220> FEATURE:
244 <223> OTHER INFORMATION: synthetic peptide
246 <220> FEATURE:
247 <221> NAME/KEY: MOD_RES
248 <222> LOCATION: (1)..(1)
249 <223> OTHER INFORMATION: METHYLATION
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254 Phe Lys Pro Leu Trp Arg
255 1 5
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261 <213> ORGANISM: Artificial Sequence
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266 <220> FEATURE:
267 <221> NAME/KEY: SITE
268 <222> LOCATION: (2)..(6)
269 <223> OTHER INFORMATION: cyclic portion
272 <220> FEATURE:
273 <221> NAME/KEY: MOD_RES
274 <222> LOCATION: (1)..(1)
275 <223> OTHER INFORMATION: ACETYLATION
278 <220> FEATURE:
279 <221> NAME/KEY: misc_feature
280 <222> LOCATION: (4)..(4)
281 <223> OTHER INFORMATION: Xaa is D-cylcohexylalanine
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287 1 5
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293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: synthetic peptide
298 <220> FEATURE:
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300 <222> LOCATION: (1)..(1)
 301 <223> OTHER INFORMATION: ACETYLATION
 304 <220> FEATURE:
 305 <221> NAME/KEY: misc_feature
 306 <222> LOCATION: (2)..(2)
 307 <223> OTHER INFORMATION: Orn
 310 <220> FEATURE:
 311 <221> NAME/KEY: misc_feature
 312 <222> LOCATION: (4)..(4)
 313 <223> OTHER INFORMATION: D-cyclohexylalanine
 316 <220> FEATURE:
 317 <221> NAME/KEY: SITE
 318 <222> LOCATION: (2)..(6)
 319 <223> OTHER INFORMATION: cyclic portion
 322 <400> SEQUENCE: 12
W--> 324 Phe Xaa Pro Xaa Trp Arg
 325 1 5
 328 <210> SEQ ID NO: 13
 329 <211> LENGTH: 5
 330 <212> TYPE: PRT
 331 <213> ORGANISM: Artificial Sequence
 333 <220> FEATURE:
 334 <223> OTHER INFORMATION: synthetic peptide
 336 <220> FEATURE:
 337 <221> NAME/KEY: SITE
 338 <222> LOCATION: (1)..(2)
 339 <223> OTHER INFORMATION: between residues 1 and 2: (CH₂)_n-NH₂
 342 <220> FEATURE:
 343 <221> NAME/KEY: misc_feature
 344 <222> LOCATION: (3)..(3)
 345 <223> OTHER INFORMATION: Xaa is D-cyclohexylalanine
 348 <220> FEATURE:
 349 <221> NAME/KEY: SITE
 350 <222> LOCATION: (1)..(5)
 351 <223> OTHER INFORMATION: cyclic portion is from residue 5 and the (CH₂)_n-NH₂ moiety
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 352 between residues 1 and 2
 355 <400> SEQUENCE: 13
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 358 1 5
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 366 <220> FEATURE:
 367 <223> OTHER INFORMATION: synthetic peptide
 369 <220> FEATURE:
 370 <221> NAME/KEY: misc_feature
 371 <222> LOCATION: (3)..(3)
 372 <223> OTHER INFORMATION: Xaa is D-cyclohexylalanine

Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY
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Input Set : A:\PTO.txt
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L:90 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
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L:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:150 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:208 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:324 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:456 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:494 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:532 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:558 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:590 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:622 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:661 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:700 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:738 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24